## Docket No. 272 - Development and Management Plan Inspection

The Connecticut Light and Power Company Certificate of Environmental Compatibility and Public Need for the construction of a new 345-kV electric transmission line and associated facilities between Scovill Rock Switching Station in Middletown and Norwalk Substation in Norwalk, Connecticut, including reconstruction of portions of existing 115-kV and 345-kV electric transmission line, the construction of Beseck Switching Station in Wallingford, East Devon Substation in Milford, (and Singer Substation in Bridgeport), modifications at Scovill Rock Switching Station and Norwalk Substation, and the reconfiguration of certain interconnections.

## **Segment 4a Underground Line**

Date: October 27, 2006

Inspector: Katie Bednaz

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: Approximately 0.36" of rain were recorded since the previous inspection in Bridgeport,

CT (NOAA data)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	All work is within or adjacent to existing paved roadways at this time.	See erosion control section.	NA
Vault Openings and Trench Construction Bridgeport	Trenching activities continue on Railroad Ave. between Wordin Ave. and South St. 10/27/06	None 10/27/06	NA
	Trench excavation and utility work continues at the intersection of Railroad Ave. and Bostwick Ave. 10/27/06	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadway as soon as feasible. 10/27/06	Catch basins are protected.(Proactively)
	Trenching activities continue near the intersection of Broad St. and Atlantic Ave. 10/27/06	None. 10/27/06	Catch basins are protected.(Proactively)
Fairfield	Work near Vault #7537 is complete. The disturbed soils at the vault have been temporarily stabilized with seed and hay mulch. 10/27/06	See Erosion and Sediment Controls section. 10/27/06	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	Trenching activities continue on Rt. 1 from Old Post Rd to North Benson Rd. 10/27/06	None. 10/27/06	Catch basins were protected.(Proactively)
	Trenching activities continue on Rt. 1 from Bungalow Ave. to Granville St. 10/27/06	See Erosion and Sediment Controls section. 10/27/06	Roadway was swept regularly.
Erosion and Sediment Controls General Fairfield/Bridgeport observations	Filter fabric or filter socks are installed in all catch basins adjacent to the construction activities. 10/27/06	Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 10/27/06	Catch basins were protected.(Proactively)
	Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 10/27/06	Prevent dust migration by regularly watering down exposed soils and sweeping immediately. If exposed soils are not to be worked within 14-21 days, they should be stabilized. 10/27/06	Needs regular attention but good efforts were noted
	Problems with dust were not observed this week. 10/27/06	None. 10/27/06	NA
Bridgeport	Recently completed trench work has been backfilled and loamed but mulch is recommended on the exposed soil. 10/20/06 – 10/27/06	Place mulch or other temporary stabilization on the soil surface. 10/20/06 – 10/27/06	Mulch has been placed on exposed soils in portions, but additional work is required.
	At Vault #7537, a line of silt fence is located between the sidewalk and Rt. 1. Erosion remains in the strip between the roadway and the silt fence. Sediment was removed from the street 10/20/03 – 10/27/06	Stabilize the area as it tends to wash out with each rain event. Stone may be appropriate here. 10/20/06 – 10/27/06	Needs to be monitored during rain events to determine level of stabilization required.
Fairfield Kings Highway Lay- down Yard (Off Kings Highway, near Rt. 1 rotary)	The concrete washout basin is almost to capacity. 10/13-10/27/06	Remove concrete from basin to restore capacity if feasible. If not, an additional basin may need to be constructed. 10/13-10/27/06	Needs regular attention.

<b>Areas of Inspection</b>	Observation	Recommended Action	<b>Corrected Action</b>
Inland Wetland and Watercourse encroachment and mitigation	The Kings Highway lay- down yard is located adjacent to potential resource areas and a concrete lined waterway. 10/27/06	See erosion control section. 10/27/06	NA
Staging, Storage, and Parking Areas	A contractor storage yard on Bostwick Ave. contains frac tanks, trailers, and available parking. Reserve spill kits are located in the equipment trailers. 10/27/06	None 10/27/06	NA
	A contractor lay-down yard is located off of Kings Highway near the Rt. 1 rotary. 10/27/06	See erosion control section for more information. The yard is well contained at this time with a few recommendationa. 10/27/06	NA
	A temporary storage area is being used at the intersection of Railroad Ave. and Iranistan Ave. Construction materials and frac tanks are being stored in this area. 10/27/06	None. 10/27/06	NA
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 10/27/06	Most areas are temporarily stabilized. See erosion control section. 10/27/06	NA
	Vac trucks are being used to remove soil from the trench in areas with high density of utility lines. 10/27/06	None. 10/27/06	NA
	Soils were being contained, tagged and transported appropriately. 10/27/06	Continue to monitor. 10/27/06	NA
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in this work area. 10/207/06	None 10/27/06	NA

<b>Areas of Inspection</b>	Observation	Recommended Action	Corrected Action
Vegetative clearing (including trees to save or danger trees noted) or stabilization	Several areas that are no longer being worked along Railroad Ave have been seeded and mulched with hay appropriately. Some grass growth was noted. A few erosive gullies were also graded out here. 10/27/06	None. Continue to monitor for stabilization/vegetative cover. 10/27/06  Continue to place mulch or other temporary stabilization on exposed surfaces. 10/27/06	Areas were temporarily stabilized and sparse vegetation is establishing.
Dewatering	Active dewatering was not noted at the time of inspection. 10/27/06	None 10/27/06	NA
Blasting	No blasting has been proposed. 10/27/06	None 10/27/06	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard and on job trucks. 10/27/06	None 10/27/06	NA
	An attachment with fluid filled hoses was not placed in the containment area and drips/leaks were noted. 10/27/06	All fluid filled attachments should be contained as they have been previously. 10/27/06	Needs regular attention.
	Excavated railroad ties are piled up and stored off the roadway to be removed from the site. 8/17/06 – 10/27/06	None 8/17/06 – 10/27/06	NA
Additional Observations	None 10/27/06	None 10/27/06	NA

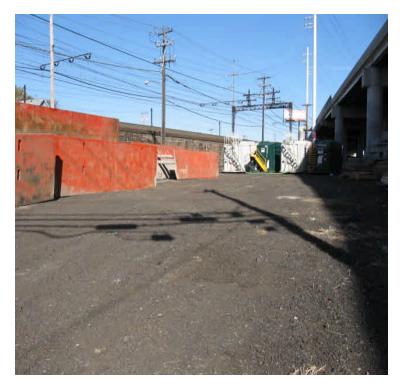
Next likely scheduled	
inspection:	Wednesday November 1, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Reviewer: Diana Walden, BSC Group	Field Inspector:	Katie Bednaz, BSC Group	
	Reviewer:	Diana Walden, BSC Group	



Former trench location on Broad St. that has been temporarily stabilized with hay mulch.



Photograph of temporary storage yard at the corner of Railroad

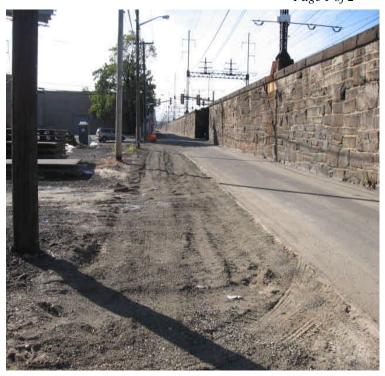
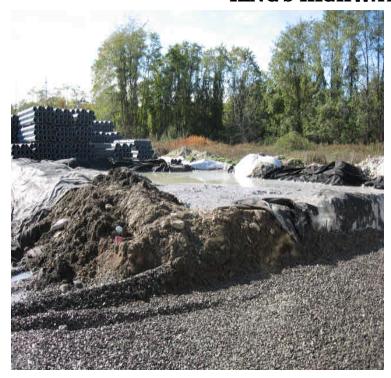


Photo taken on Railroad Ave. at the corner of Iranistan Ave. Former trench location has been closed and stabilized with stone.



Photo of Rt. 1 and the Fairfield Inn construction area that previously experienced erosion. Area should be monitored during rain events to prevent any additional sedimentation.

## KING'S HIGHWAY LAYDOWN YARD



Concrete washout basin located within yard that is near capacity.



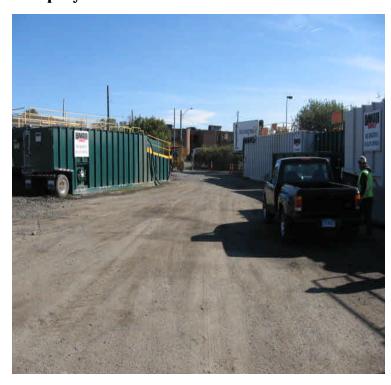


Photo taken looking towards entrance of yard.

